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PATENT
5681-12000/P7515

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/087,225
Filed: March 1, 2002
Inventors:
Ajay Kumar
Hanumanthu Rao Susarla
Prakash Khemani

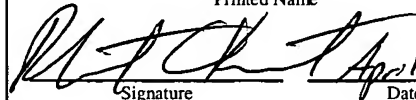
Title: Object Mutation
Determination for Incremental
State Saves

§ Examiner: Hollar, Andrea, B.
§ Group/Art Unit: 2152
§ Atty. Dkt. No: 5681-12000
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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Amendment, Commission for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Robert C. Kowert

Printed Name

 April 19, 2005
Signature Date

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant requests consideration of ☒ the references listed on the attached Form PTO-1449 and/or ☐ the additional information identified below in paragraph 3.

This Information Disclosure Statement includes copies of the content of one or more Internet web pages. Applicant notes that it is generally more difficult to accurately establish the publication dates for web pages than for printed media such as books and journal articles. Even if a web page lists a date of publication, it is possible that a web page author may make changes to the web page and forget to correspondingly change the publication date. Thus, a web page may include content which was added after the indicated publication date.

☒ A copy of each required reference listed on the Form PTO-1449 is enclosed.

- ☐ The references listed on the Form PTO-1449 were previously cited in application serial no. _____ to which the captioned application is seeking priority under 35 U.S.C. §120; therefore, a copy of each reference is not enclosed.
- ☐ The present application is a U.S. national patent application filed after June 30, 2003, or an international application that entered the national stage under 35 USC § 371 after June 30, 2003. Therefore, copies of the cited U.S. patents and/or U.S. patent application publications are not enclosed.

1. This Information Disclosure Statement is submitted:

- a. ☐ within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
- ☐ within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application;
- ☐ before the mailing date of a first Office Action on the merits; or
- ☐ before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
- b. ☒ after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: ☐ the certification of paragraph 2 below is provided, or ☒ a fee of \$180.00 is authorized below.
- c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.

2. It is hereby certified:

- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the Statement; or
- ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three (3) months prior to the filing of the Statement.
- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in § 1.56(c) more than thirty (30) days prior to the filing of the information disclosure statement;

3. ☐ Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:

4. For each non-English language reference listed on the attached Form PTO-1449:

- ☐ reference is made to an English language translation submitted herewith, and/or
 - ☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
 - ☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or
 - ☐ reference is made to the concise explanation contained in the specification of the present application at page(s) _____, and/or
 - ☐ reference is made to the concise explanation set forth below:
5. ☐ Applicant also offers the following comments for the Examiner's consideration:
6. ☐ Also enclosed is a copy of a foreign search report citing these references.
7. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.
8. ☐ Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

The Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 501505/5681-12000/RCK.

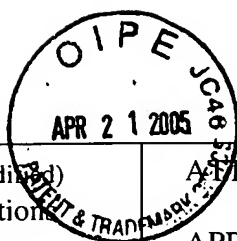
Respectfully submitted,



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Date: April 19, 2005

**Form PTO-1449** (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5681-12000

APPLICANT: Kumar, et al.

FILING DATE: March 1, 2002

SERIAL NO. 10/087,225

GROUP: 2152

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	5,870,759	2/99	Bauer			
	A2	6,360,249	3/02	Courts et al			
	A3	5,907,848	5/99	Zaiken et al.			
	A4	6,594,686	7/03	Edwards et al.			
	A5	5,721,943	2/98	Johnson			
	A6	6,859,834	2/22/05	Arora et al.			
	A7	5,813,017	9/22/98	Morris			
	A8	6,546,135	4/8/03	Lin et al.			
	A9	5,884,325	3/16/99	Bauer, et al.			
	A10	5,734,909	3/31/98	Bennett			
	A11	6,529,941	3/03	Haley, et al.			
	A12	6,195,091	2/01	Harple, et al.			
	A13	6,760,765	7/04	Asai, et al.			
	A14	2003/0014650	1/03	Freed, et al.			
	A15	2003/0051145	3/03	Jackson et al.			
	A16	2003/0167333	9/4/03	Kumar et al.			
	A17	2003/0167331	9/4/03	Kumar et al.			
	A18	2003/0167285	9/4/03	Kumar et al.			
	A19	2003/0167297	9/4/03	Kumar et al.			
	A20	2003/0167268	9/4/03	Kumar et al.			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	A21	"iPlanet Application Server – Overview Guide – Version 6.0," Sun Microsystems, Inc., May 2000, (78 Pages)
	A22	Burns et al., "A Linear Time, Constant Space Differencing Algorithm," 1997 IEEE, Performance, Computing and Communications Conference, 1997, (Pages 429-436)
	A23	Roh, et al., "A Switchable Session Managemetn for the Distributed Multimedia-on-Demand System, Protocols for Multimedia Systems - Multimedia Networking," 1997, Proceedings IEEE Conference on, 24-27 Nov. 1997, pp. 102-111.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Information Disclosure Statement--PTO 1449 (modified)